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Full thread screws PowerFull II

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Full thread screws PowerFull II CTF BC 124 

Full thread screws PowerFull II CHTF BC 126 

Highly resilient, time and effort saving.

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Head shape variants

Countersunk head

- With countersunk head for metal sheet-timber connections or for surface-flush sinking
- With drill bit tip for screwing close to the edge without splintering and without pre-drilling



Cylinder head

- With cylinder head for easy sinking in the wood
- With drill bit tip for screwing close to the edge and without gaps, and without pre-drilling

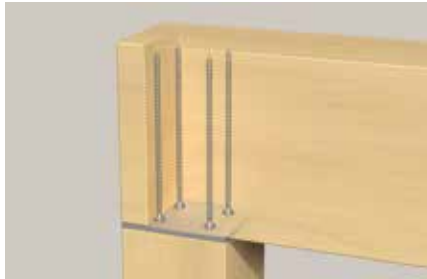
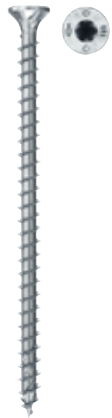
The wood construction screws for professionals

- Full thread screws are also used to reinforce load-bearing timber constructions
- They increase the load-bearing capacity of the wood, without having to increase the beam cross-sections
- This can considerably reduce the cost of the materials
- It also allows for clean wooden surfaces without metal connections that ruin the look
- PowerFull II screws can also be used for on-rafter insulation with soft insulation



PowerFull II CTF BC

For economical connections of load-bearing wood constructions.



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Applications

- Connection main beam / substructure
- Chevron-purlin connection
- Reinforcement of notches
- Openings
- Beam false edges
- Beam reinforcements
- Strengthening perpendicular to the grain
- Coupling purlins
- Support reinforcement / transverse pressure reinforcement
- Footing beams
- Element connections in wood frame construction
- Pressed steel-wood connections

Advantages

- The unique core milling geometry makes low axial and edge distances as well as high loads possible.
- The innovative tip geometry ensures that screws are driven fast and reduces splintering of the substrate. The needle point makes the screw easy to place e.g. for angled screw connections even in extreme situations.
- The special countersunk head with its milling pockets is perfect for fastening metal parts to wood. There is no damage to the attached parts due to abrasion.
- The new screw geometry significantly improves the pull-out load capacity and optimises the screw-in torque.

Functioning

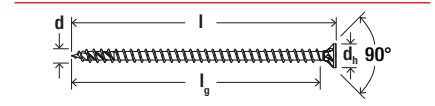
- Screws with a countersunk head can be flush-mounted.

Building materials

- Solid hardwood of material strength classes C14 - C40 in accordance with EN 338 / EN 14081-1
- New: Solid beech, ash or oak in accordance with EN 338 / EN 14081-1, with pre-drilling
- Glued-laminated timber of at least material strength class GL24c in accordance with EN 1194 / EN 14080
- New: Glued-laminated timber made of beech, ash or oak according to European Technical Approval or the national regulations applicable at the installation site, with pre-drilling
- Laminated veneer lumber LVL in accordance with EN 14374
- Glued-solid timber Duo and Trio beams in accordance with EN 14080 or the national regulations applicable at the installation site

Certificates / Features





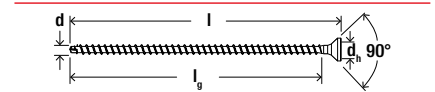
ø 8.0

Full thread screws PowerFull FPF II CTF 8 BC



FPF II CTF 8 BC

Item	Item no.	Ap- pro- val ETA	Diameter d [mm]	Length l [mm]	Thread length l _g [mm]	Head-ø d _h [mm]	Drive	Sales unit [pcs]
FPF II CTF 8.0 x 100 BC 50	562930	●	8.0	100	81	14.4	TX40	50
FPF II CTF 8.0 x 120 BC 50	562931	●	8.0	120	101	14.4	TX40	50
FPF II CTF 8.0 x 140 BC 50	562932	●	8.0	140	121	14.4	TX40	50
FPF II CTF 8.0 x 160 BC 50	562933	●	8.0	160	141	14.4	TX40	50
FPF II CTF 8.0 x 180 BC 50	562934	●	8.0	180	161	14.4	TX40	50
FPF II CTF 8.0 x 200 BC 50	562935	●	8.0	200	181	14.4	TX40	50
FPF II CTF 8.0 x 220 BC 50	562936	●	8.0	220	201	14.4	TX40	50
FPF II CTF 8.0 x 240 BC 50	562937	●	8.0	240	221	14.4	TX40	50
FPF II CTF 8.0 x 260 BC 50	562938	●	8.0	260	241	14.4	TX40	50
FPF II CTF 8.0 x 280 BC 50	562939	●	8.0	280	261	14.4	TX40	50
FPF II CTF 8.0 x 300 BC 50	562940	●	8.0	300	281	14.4	TX40	50
FPF II CTF 8.0 x 350 BC 50	562941	●	8.0	350	331	14.4	TX40	50
FPF II CTF 8.0 x 400 BC 50	562942	●	8.0	400	381	14.4	TX40	50



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Full thread screws PowerFull FPF II CTF 10 BC

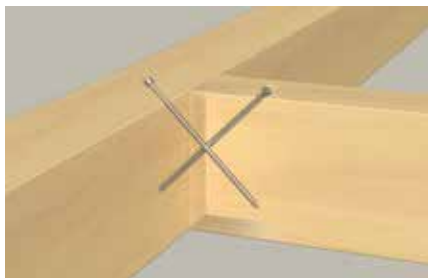
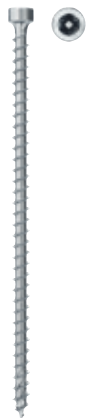


FPF II CTF 10 BC

Item	Item no.	Ap- pro- val ETA	Diameter d [mm]	Length l [mm]	Thread length l _g [mm]	Head-ø d _h [mm]	Drive	Sales unit [pcs]
FPF II CTF 10.0 x 100 BC 50	562943	●	10.0	100	80	18.0	TX50	50
FPF II CTF 10.0 x 120 BC 50	562944	●	10.0	120	100	18.0	TX50	50
FPF II CTF 10.0 x 140 BC 50	562945	●	10.0	140	120	18.0	TX50	50
FPF II CTF 10.0 x 160 BC 50	562946	●	10.0	160	140	18.0	TX50	50
FPF II CTF 10.0 x 180 BC 50	562947	●	10.0	180	160	18.0	TX50	50
FPF II CTF 10.0 x 200 BC 50	562948	●	10.0	200	180	18.0	TX50	50
FPF II CTF 10.0 x 220 BC 50	562949	●	10.0	220	200	18.0	TX50	50
FPF II CTF 10.0 x 240 BC 50	562950	●	10.0	240	220	18.0	TX50	50
FPF II CTF 10.0 x 260 BC 50	562951	●	10.0	260	240	18.0	TX50	50
FPF II CTF 10.0 x 280 BC 50	562952	●	10.0	280	260	18.0	TX50	50
FPF II CTF 10.0 x 300 BC 50	562953	●	10.0	300	280	18.0	TX50	50

PowerFull II CHTF BC

For economical connections of load-bearing wood constructions.



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Applications

- Connection main beam / substructure
- Chevron-purlin connection
- Reinforcement of notches
- Openings
- Beam false edges
- Beam reinforcements
- Strengthening perpendicular to the grain
- Coupling purlins
- Shear wood fixing (for roof insulation)
- Refurbishment of old beams
- Footing beams
- Element connections in wood frame construction
- Pressed steel-wood connections

Advantages

- The unique core milling geometry makes low axial and edge distances as well as high loads possible.
- The innovative tip geometry ensures that screws are driven fast and reduces splintering of the substrate. The needle point makes the screw easy to place e.g. for angled screw connections even in extreme situations.
- The cylindrical head with additional milling pockets ensures clean countersinking of the head. This can be countersunk deep into the wood using a long bit.
- The new screw geometry significantly improves the pull-out load capacity and optimises the screw-in torque.

Functioning

- Screws with a cylinder head can be flush-mounted or sunk into the wood.

Building materials

- Solid hardwood of material strength classes C14 - C40 in accordance with EN 338 / EN 14081-1
- New: Solid beech, ash or oak in accordance with EN 338 / EN 14081-1, with pre-drilling
- Glued-laminated timber of at least material strength class GL24c in accordance with EN 1194 / EN 14080
- New: Glued-laminated timber made of beech, ash or oak according to European Technical Approval or the national regulations applicable at the installation site, with pre-drilling
- Laminated veneer lumber LVL in accordance with EN 14374
- Glued-solid timber Duo and Trio beams in accordance with EN 14080 or the national regulations applicable at the installation site

Certificates / Features

